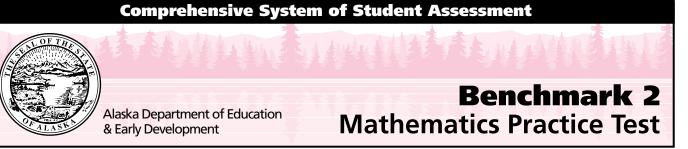
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| TEACHER'S USE ONLY Fill in <u>all</u> that apply. | | | | | | | | |
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Mathematics

Sample A

John has 13 red balloons and 10 blue balloons. How many balloons does he have in all?

- A 13
- B 14
- © 23
- 24

Sample B

Tina had soup, a sandwich, and juice for lunch. Which of these is closest to the amount of money she spent all together?

- \$4.00
- \$5.00
- © \$6.00
- \$7.00



Sample C

Wayne had 6 math problems to complete. He started working on them at 4:00 P.M. He completed the first problem at 4:04 P.M., and the second at 4:08 P.M. Wayne completed each problem in the same amount of time without taking any rest breaks. How many minutes did it take Wayne to complete all 6 math problems?

| Answer: | _ minutes |
|---|--|
| Write a rule Wayne can use complete any number of m | e to determine how many minutes it would take him to nath problems. |
| Rule: | |

- 1 Which number is a multiple of 6?
 - A 16
 - 28
 - 42
 - 56
- What number should be placed in the to make the number sentence true?

$$4 \times 3 \times 2 = \times 2 \times 4$$

- A 1
- B 2
- 3
- 4

- The recipe for Tommy's famous chocolate chip cookies calls for $\frac{3}{4}$ cup of chocolate chips. Tommy wants to triple the recipe. What is $\frac{3}{4} + \frac{3}{4} + \frac{3}{4}$?
 - (A) $1\frac{1}{2}$
 - B 2
 - © $2\frac{1}{4}$
 - 3
- Mike takes ten coins out of his pocket. They add up to exactly \$0.49. If the coins consist of pennies, nickels, and dimes, how many of each coin does Mike have?



Answer: _____ pennies



Answer: _____ nickels



Answer: _____ dimes

- Mr. Brower wants to buy enough string to hang his students' art projects. Mr. Brower wants to hang 30 art projects. He will use 6 inches of string for each project. What is the *least* amount of string, in feet, he should buy?
 - S feet
 - (B) 15 feet
 - © 60 feet
 - 180 feet
- **6** What is the place value position of the 2 in the number 726,309.54?
 - (A) thousands
 - ten thousands
 - hundred thousands
 - millions
- **7** Julie used her ruler to measure the pencil below. She used 2 different units of measurement.



Which of these could be the 2 different units of measurement that Julie used?

- 120 millimeters and 12 centimeters
- 12 millimeters and 120 centimeters
- © 120 centimeters and 12 meters
- 12 centimeters and 120 meters

NOTE: The length measurements may not be exact because of differences in printers.

8 What is the next number in the pattern below?

12, 19, 26, 33, . . .

- A 26
- 33
- 39
- 40

Mary has some trading cards. Julie has 3 times as many trading cards as Mary. They have 36 trading cards in all. Which of these equations represents their trading card collection?

(A)
$$3x = 36$$

(B)
$$x + 3 = 36$$

$$x + 3x = 36$$

$$3x + 36 = x$$

- Alan wants to bring 12 cupcakes to his class party. He can buy cupcakes at the bakeries listed below:
 - Sunrise Bakery sells 3 cupcakes for \$1.80
 - Quality Bakery sells 4 cupcakes for \$2.20
 - Tasty Bakery sells 6 cupcakes for \$3.00

To spend the least amount of money, Alan needs to know how much one cupcake costs at *each* bakery. What is the cost per cupcake at *each* bakery? Show your work and write your answers in the box below.

| Cost per cupcake at Sunrise Bak | erv: \$ |
|---------------------------------|---------|
| cost per captake at samise bak | ery. 7 |

Dan went to a craft fair where he spent a total of \$16.00. He spent \$6.00 on admission and went to 8 tables. He spent the same amount of money (*m*) at each table. The following number sentence can be used to find how much money he spent at each table.

$$16 = 6 + 8m$$

How much money did Dan spend at each table?

- \$0.50
- **®** \$0.80
- © \$1.25
- \$2.00
- Ms. Nonell's sixth-grade class is going on a fishing trip. The pictograph below shows the number of fish caught each day.

FISH CAUGHT ON FISHING TRIP

| Day | Number of Fish |
|-----------|-------------------------|
| Monday | Erosi Erosi |
| Tuesday | Traco Traco |
| Wednesday | Traco Traco Traco Traco |
| Thursday | Traco Traco Traco |

| KEY |
|----------|
| = 5 fish |

According to the information in the pictograph, how many fish were caught on Thursday?

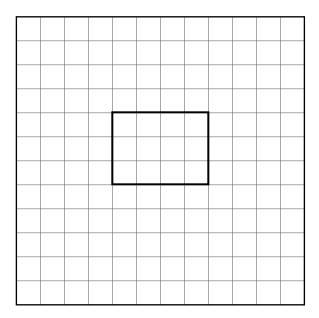
- A 3
- **B** 4
- © 15
- 20



- Lori entered a 20-kilometer race. A kilometer is about $\frac{5}{8}$ of a mile. About how many miles long is the race?
 - A 8 miles

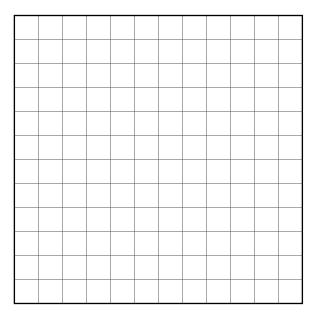
 - \bigcirc 20 $\frac{5}{8}$ miles
 - 32 miles
- A sixth-grade class is growing plants for their science projects. Each student spent \$1.00 for a package of seeds and \$2.50 for a container to plant the seeds in. There are 30 students in the class. How much money did the sixth-grade class spend on seeds and containers in all?
 - A \$3.50
 - \$105.00
 - \$165.00
 - \$255.00

What is the area, in square units, of the rectangle drawn on the grid below?

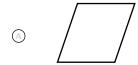


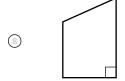
Answer: _____ square units

On the grid below, draw a rectangle that has an area of 10 square units.

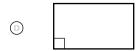


- 16 Rachel has to draw two rectangles that are similar to each other. She drew the first rectangle 5 centimeters wide and 6 centimeters long. She drew the second rectangle 10 centimeters wide. How long should she draw the length of the second rectangle?
 - 11 centimeters
 - 12 centimeters
 - 15 centimeters
 - 20 centimeters
- Which of the figures below is a quadrilateral with 2 pairs of parallel sides and no right angles?









18 The table below shows the scores 14 students received on a math test.

MATH SCORES

| Score | Tally |
|-------|-------|
| 100 | 1111 |
| 95 | 1111 |
| 90 | 11 |
| 85 | 1 |
| 80 | 111 |

What is the median score?

- 85
- (B) 90
- 95
- 100



KEY FOR MULTIPLE-CHOICE ITEMS

Sample A: C

Sample B: C

- 1. **C**
- 2. **C**
- 3. **C**
- 5. **B**
- 6. **B**
- 7. **A**
- 8. **D**
- 9. **C**
- 11. **C**
- 12. **D**
- 13. **B**
- 14. B
- 16. **B**
- 17. **A**
- 18. **C**



CONSTRUCTED-RESPONSE QUESTIONS:

Sample C

Complete and Correct Response

• 24 minutes

AND

• 4 multiplied by the number of math problems

2 Score Points

- 1 point for correct process
- 1 point for correct answer



Item 4

Complete and Correct Response

- 4 pennies
 - 3 nickels
 - 3 dimes

2 Score Points

- 2 points for correct answer
- 1 point for any combination of coins that equals \$0.49, but does not use exactly 10 coins

Item 10

Complete and Correct Response

| Sunrise Bakery | \$1.80 ÷ 3 |
|------------------------------------|------------|
| Quality Bakery | \$2.20 ÷ 4 |
| Tasty Bakery | \$3.00 ÷ 6 |

AND

| • Sunrise Baker | ry \$0.60 |
|---------------------|-----------|
| Quality Bake | ry \$0.55 |
| Tasty Bakery | \$0.50 |

4 Score Points

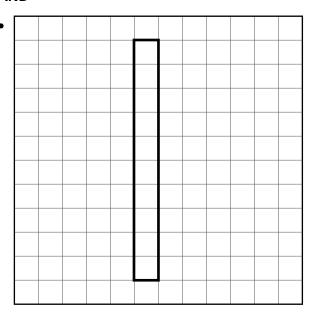
- 1 point for correct process of finding cost per cupcake at Sunrise Bakery, Quality Bakery, and Tasty Bakery
- 1 point for correct cost per cupcake at Sunrise Bakery
- 1 point for correct cost per cupcake at Quality Bakery
- 1 point for correct cost per cupcake at Tasty Bakery

Item 15

Complete and Correct Response

• 12 square units

AND



2 Score Points

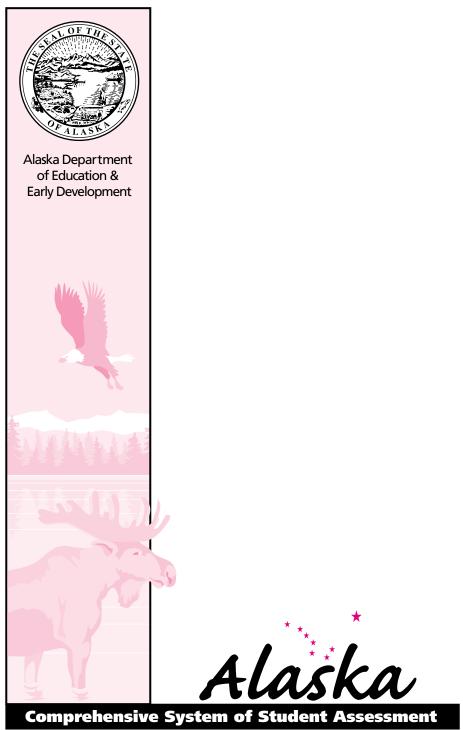
- 1 point for correct area of rectangle
- 1 point for correct drawing of rectangle with an area of 10 square units

OR

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Benchmark 2Mathematics Practice Test